

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122819\
 Data File : BF118365.D
 Acq On : 28 Dec 2019 15:05
 Operator : JU
 Sample : PB125755BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BL

Quant Time: Dec 29 07:33:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF122419.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 24 15:58:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	141734	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	554673	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	303853	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	582929	20.00	ng	0.00
76) Chrysene-d12	14.05	240	364379	20.00	ng	0.00
87) Perylene-d12	15.54	264	304810	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1032486	124.35	ng	0.02
7) Phenol-d6	6.49	99	1292698	125.50	ng	0.00
23) Nitrobenzene-d5	7.42	82	772718	79.68	ng	0.00
42) 2,4,6-Tribromophenol	10.70	330	448311	119.47	ng	0.00
45) 2-Fluorobiphenyl	9.22	172	1664575	83.62	ng	0.00
79) Terphenyl-d14	12.99	244	2032428	92.54	ng	0.00

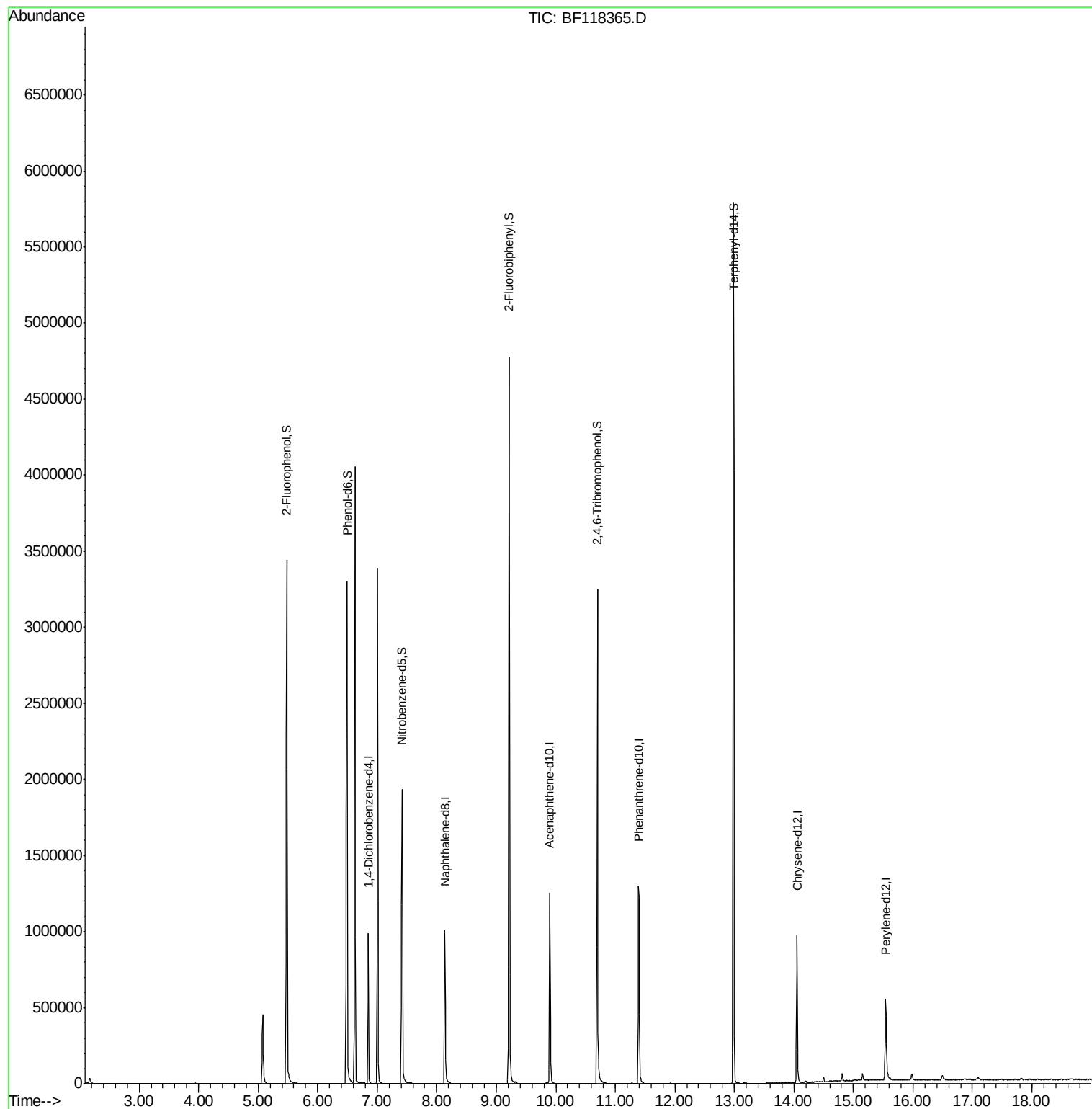
Target Compounds Qvalue

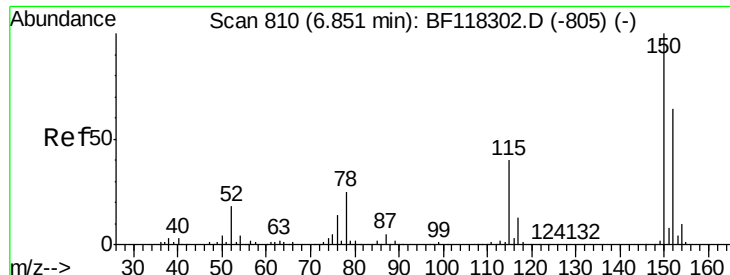
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Instrument :

BNA_F

ClientSampleId :

PB125755BL

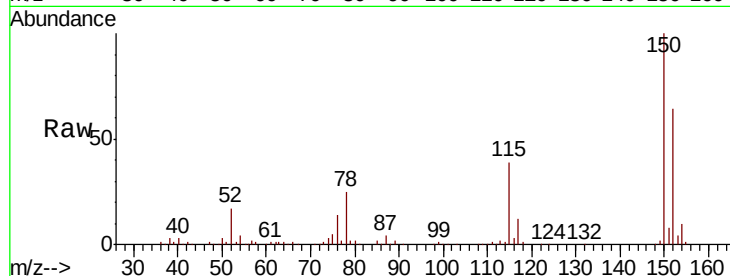
Tot Ion:152 Resp: 141734

Ion Ratio Lower Upper

152 100

150 156.3 125.4 188.2

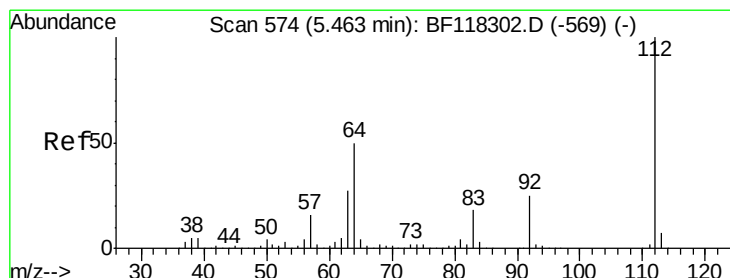
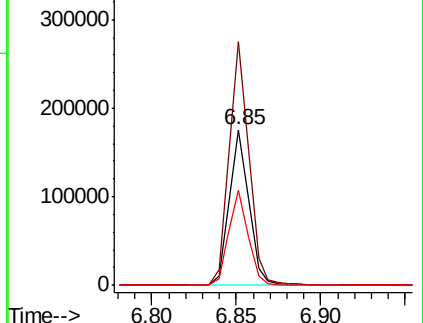
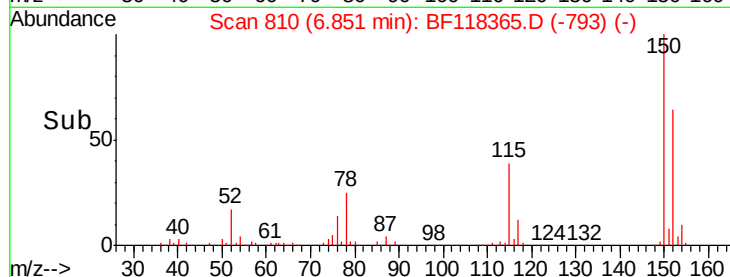
115 60.8 50.2 75.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 124.349 ng

RT: 5.48 min Scan# 577

Delta R.T. 0.02 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

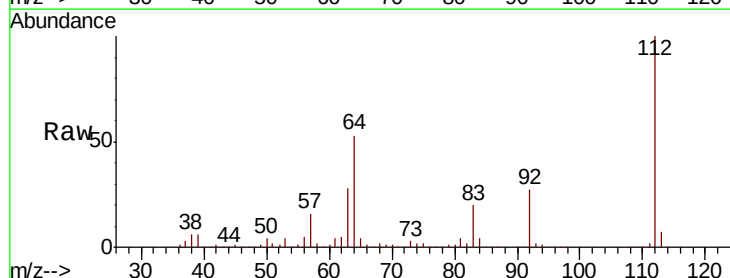
Tgt Ion:112 Resp: 1032486

Ion Ratio Lower Upper

112 100

64 53.2 39.7 59.5

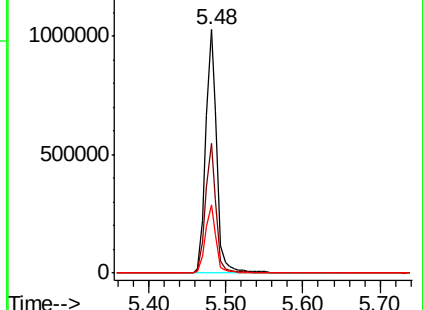
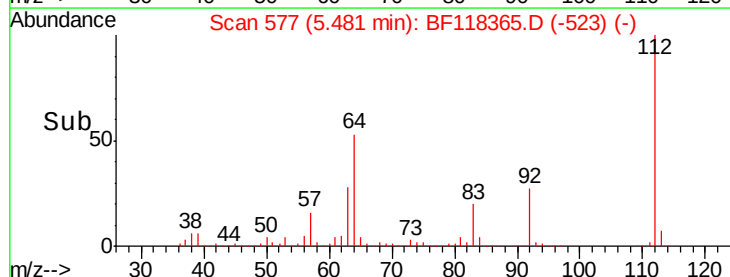
63 27.9 21.7 32.5

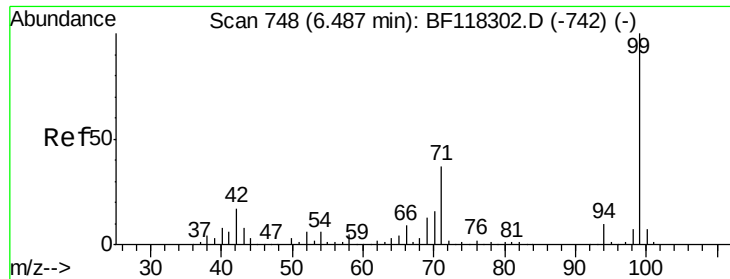


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 125.501 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.01 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Instrument :

BNA_F

ClientSampleId :

PB125755BL

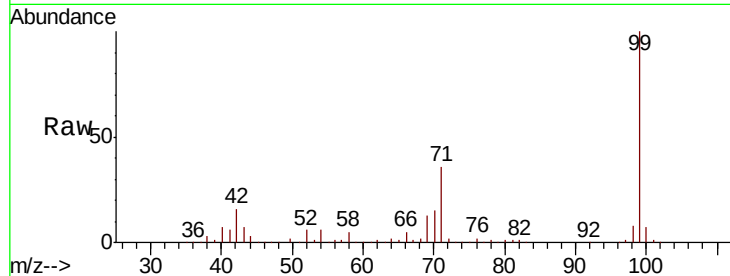
Tot Ion: 99 Resp: 1292698

Ion Ratio Lower Upper

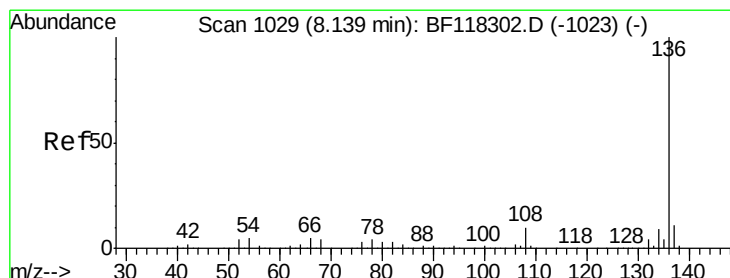
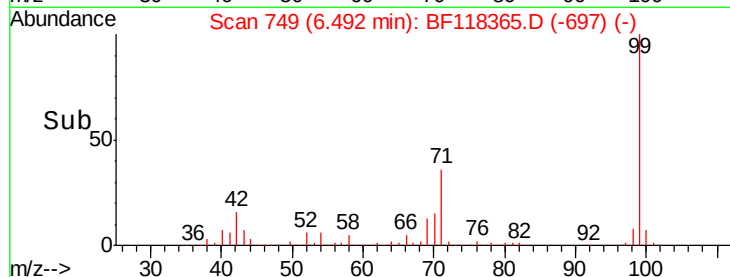
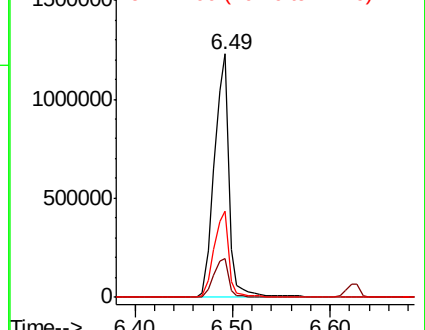
99 100

42 16.0 13.5 20.3

71 35.6 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.14 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Tgt Ion: 136 Resp: 554673

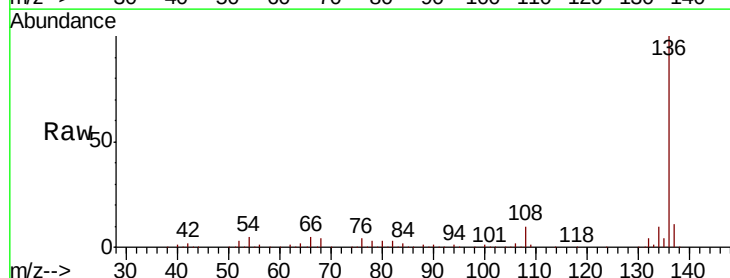
Ion Ratio Lower Upper

136 100

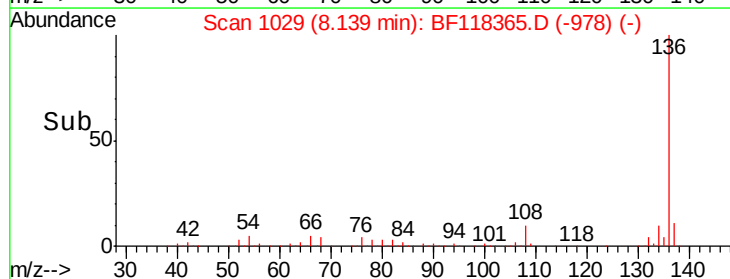
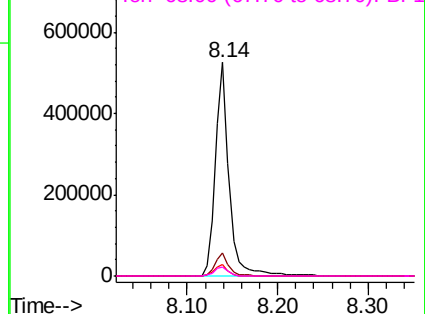
137 10.9 8.9 13.3

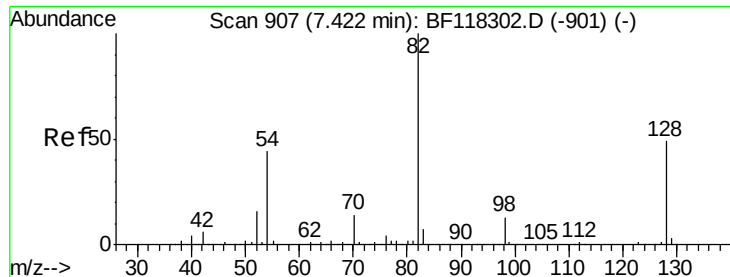
54 5.1 4.2 6.4

68 4.4 3.5 5.3



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

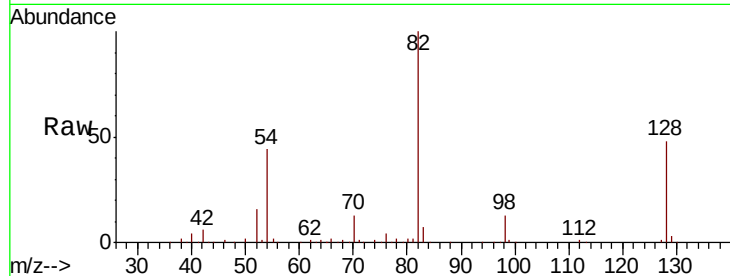




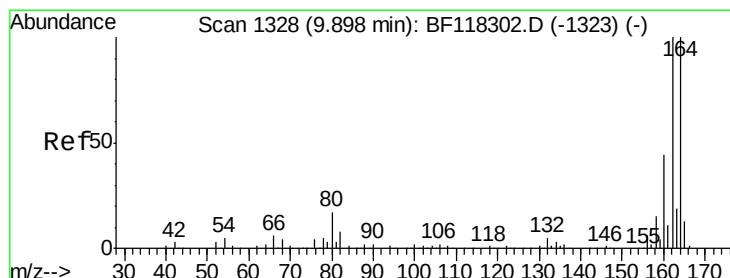
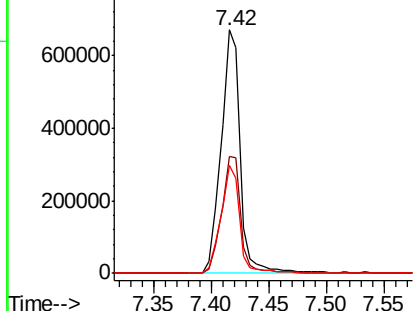
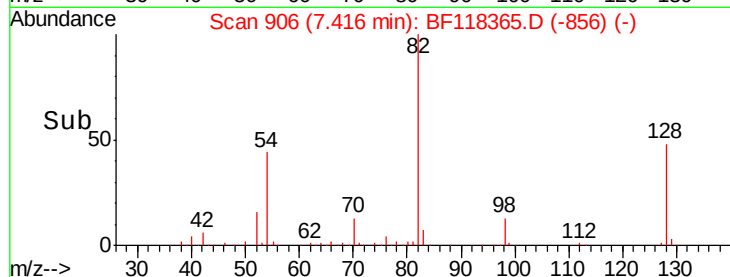
#23
Nitrobenzene-d5
Concen: 79.679 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.01 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB125755BL

Tot Ion: 82 Resp: 772718
Ion Ratio Lower Upper
82 100
128 48.1 39.6 59.4
54 44.5 34.9 52.3

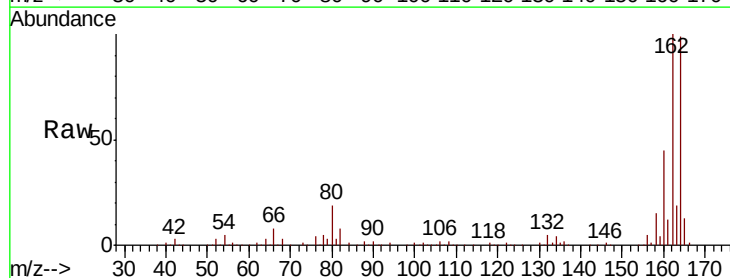


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF1

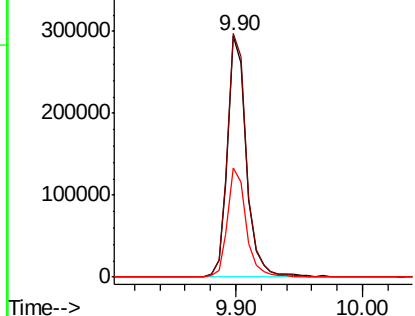
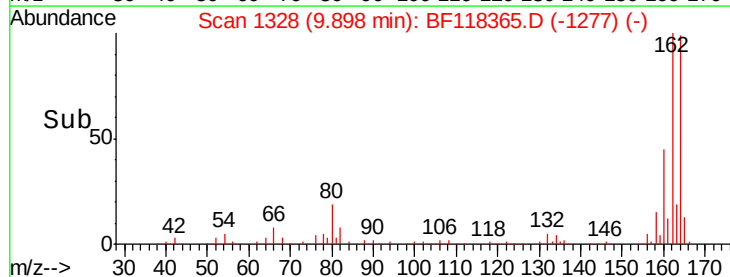


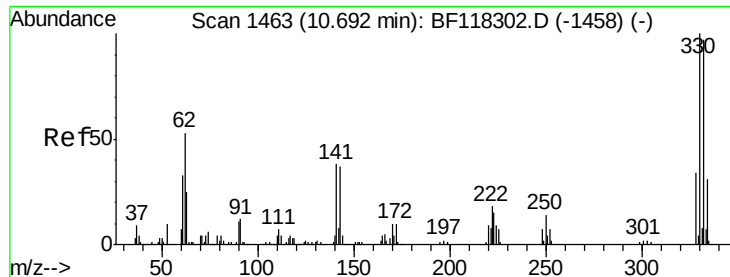
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.90 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Tgt Ion:164 Resp: 303853
Ion Ratio Lower Upper
164 100
162 100.8 80.0 120.0
160 45.0 34.8 52.2



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

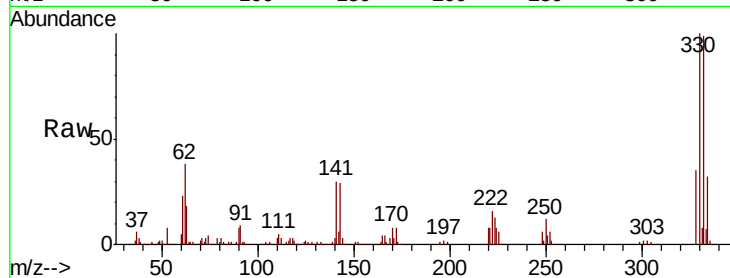




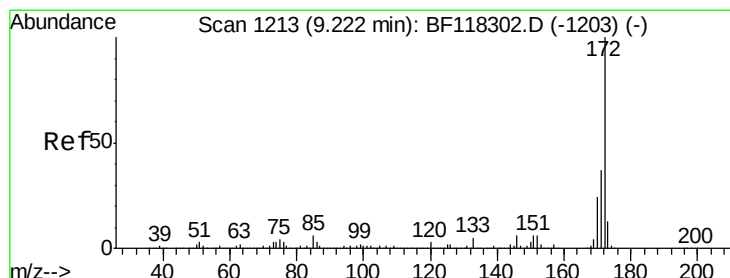
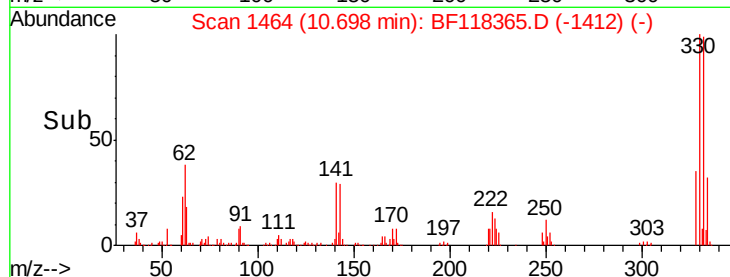
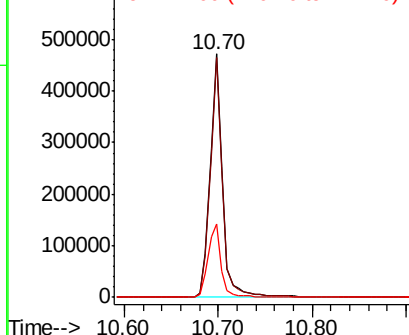
#42
 2,4,6-Tribromophenol
 Concen: 119.474 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. 0.01 min
 Lab File: BF118365.D
 Acq: 28 Dec 2019 15:05

Instrument :
 BNA_F
 ClientSampleId :
 PB125755BL

Tot Ion:330 Resp: 448311
 Ion Ratio Lower Upper
 330 100
 332 97.7 76.6 114.8
 141 31.9 26.0 39.0

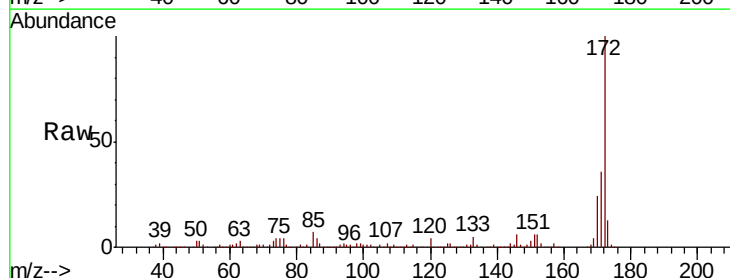


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

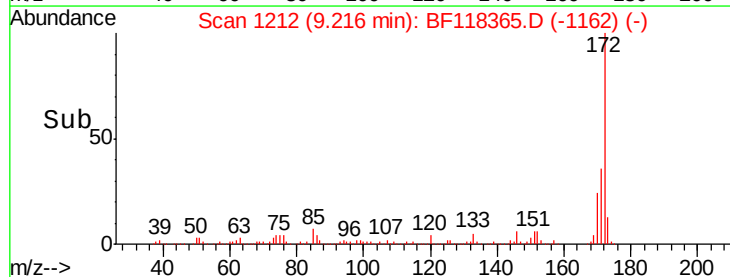
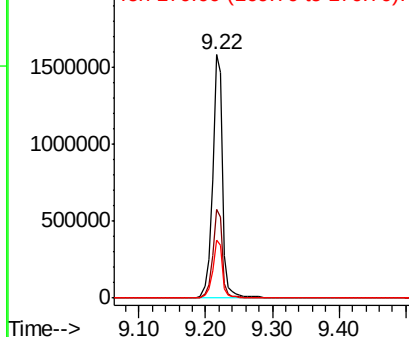


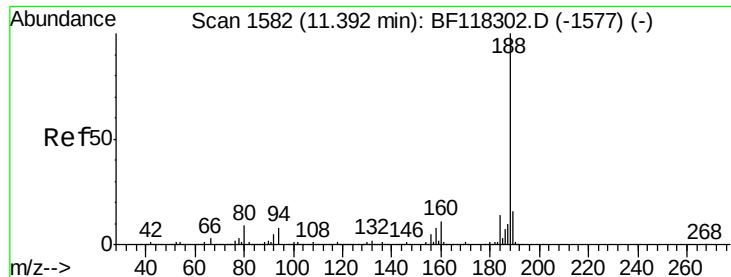
#45
 2-Fluorobiphenyl
 Concen: 83.623 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. -0.01 min
 Lab File: BF118365.D
 Acq: 28 Dec 2019 15:05

Tgt Ion:172 Resp: 1664575
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.3 43.9
 170 23.9 19.2 28.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

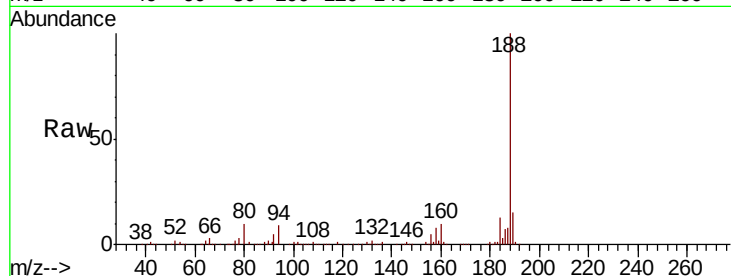




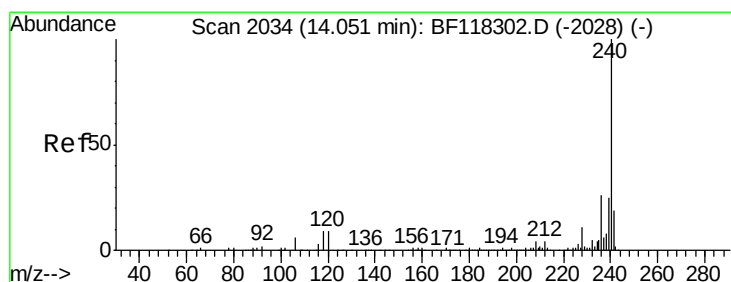
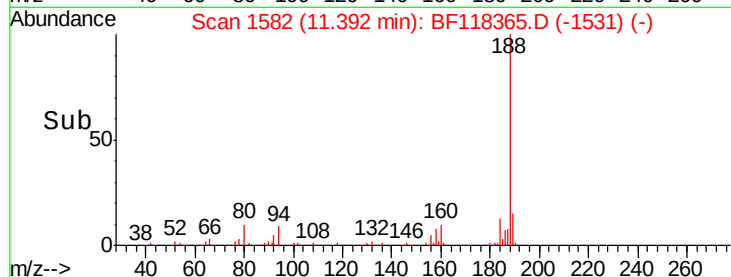
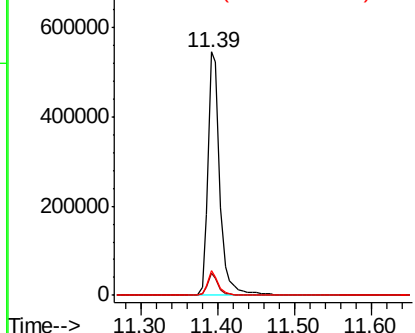
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. 0.00 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Instrument :
BNA_F
ClientSampleId :
PB125755BL

Tot Ion:188 Resp: 582929
Ion Ratio Lower Upper
188 100
94 9.3 6.7 10.1
80 10.1 7.2 10.8

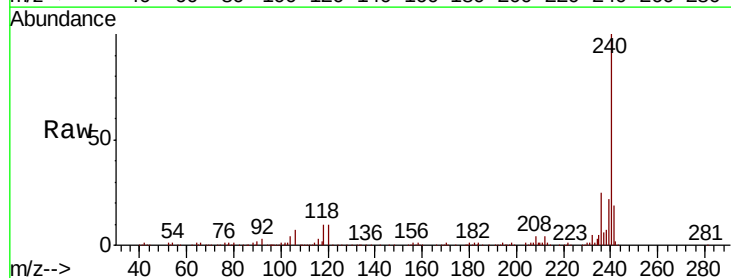


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

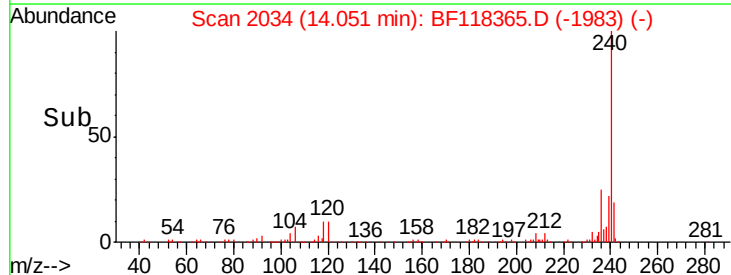
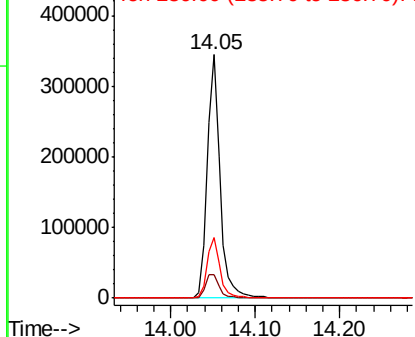


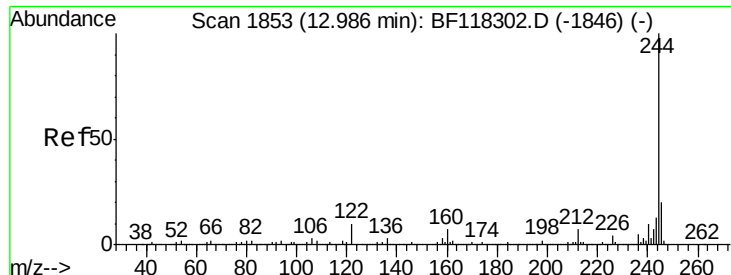
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.05 min Scan# 2034
Delta R.T. 0.00 min
Lab File: BF118365.D
Acq: 28 Dec 2019 15:05

Tgt Ion:240 Resp: 364379
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 25.1 21.0 31.6



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 92.537 ng

RT: 12.99 min Scan# 1853

Delta R.T. 0.00 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Instrument :

BNA_F

ClientSampled :

PB125755BL

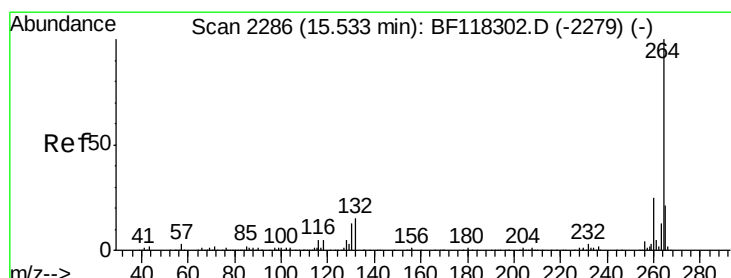
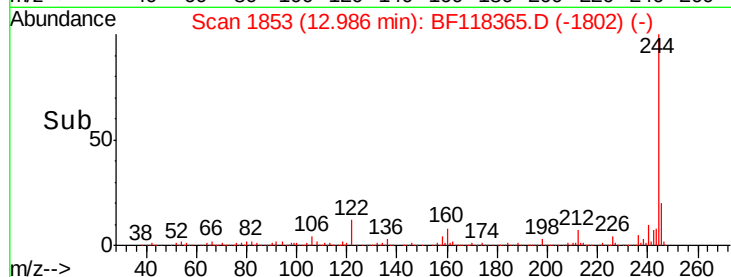
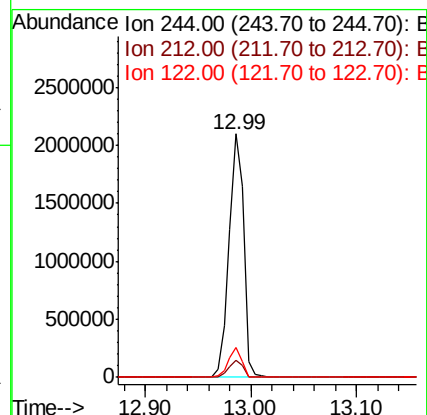
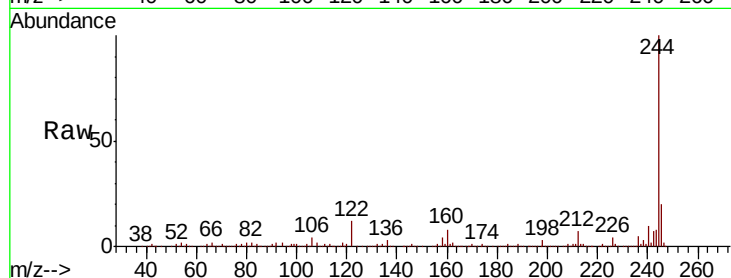
Tot Ion:244 Resp: 2032428

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.2

122 12.1 7.8 11.8#



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.01 min

Lab File: BF118365.D

Acq: 28 Dec 2019 15:05

Tgt Ion:264 Resp: 304810

Ion Ratio Lower Upper

264 100

260 22.4 19.8 29.6

265 21.4 17.0 25.4

